

WHAT IS CLAIMED IS:

1. An image distribution system comprising:
  - an image storage distribution apparatus for storing images picked up by an imaging unit;
  - an image conversion apparatus for obtaining an image specified by said mobile terminal and distributing said specified image to said mobile terminal if said specified image is required to be displayed; and
    - said mobile terminal arranged to display said image distributed from said image conversion apparatus on a screen of a monitoring unit, specify an optional location and range of said displayed image, and transmit information on said specified location and range to said image conversion apparatus, and wherein
      - said image conversion apparatus enlarges the image of the location and range specified by said mobile terminal to a display size of said monitoring unit located on said mobile terminal and then distributes said enlarged image to said mobile terminal, and
    - said mobile terminal displays said enlarged image distributed by said image conversion apparatus on the screen of said monitoring unit.
  2. An image distribution system as claimed in claim 1, wherein said mobile terminal specifies an optional location and range of said enlarged image displayed on the screen of said monitoring unit again

and transmits information on said location and range specified again to said image conversion apparatus, and said image conversion apparatus enlarges the image of said location and range specified again by said mobile terminal from said enlarged image displayed on the screen of said monitoring unit of said mobile terminal to a proper display size to said mobile terminal again and distributes said re-enlarged image to said mobile terminal, and said mobile terminal displays said re-enlarged image distributed by said image conversion apparatus on the screen of said monitoring unit.

3. An image distribution system as claimed in claim 2, wherein said image conversion apparatus obtains said enlarged image and said re-enlarged image based on the same image before enlargement or said re-enlarged image on said enlarged image.

4. An image distribution system as claimed in claim 1, wherein said mobile terminal displays an optional location and range of said image displayed on the screen of said monitoring unit with a frame and specifies the optional location and range of said image based on the handling of said frame on the screen of said monitoring unit by a user.

5. An image distribution system as claimed in claim 1, wherein said mobile terminal changes the optional location and range of said image displayed on the screen of said monitoring unit for the purpose of

adjusting the location and range to be enlarged.

6. An image display method for a mobile terminal in an image distribution system, comprising the steps of:

    storing images picked up by an imaging unit in an image storage distribution apparatus;

    if said mobile terminal requests an image specified by said mobile terminal to be displayed, causing said image conversion apparatus to obtain said specified image from said image storage distribution apparatus and then to distribute said specified image to said mobile terminal;

    causing said mobile terminal to display said image distributed by said image conversion apparatus on the screen of a monitoring unit located in said mobile terminal;

    causing said mobile terminal to specify an optional location and range of said displayed image and transmit information on said specified location and range to said image conversion apparatus;

    causing said image conversion apparatus to enlarge the image of said location and range specified by said mobile terminal from the image specified by said mobile terminal to a proper display size to said monitoring unit of said mobile terminal and then to distribute said enlarged image to said mobile terminal; and

    causing said mobile terminal to display said

enlarged image distributed by said image conversion apparatus on the screen of said monitoring unit.

7. An image display method as claimed in claim 6, further comprising the steps of:

causing said mobile terminal to specify an optional location and range of said enlarged image displayed on the screen of said monitoring unit again and then to transmit information on said re-specified location and range to said image conversion apparatus;

causing said image conversion apparatus to enlarge the image of said location and range re-specified by said mobile terminal from said enlarged image displayed on the screen of said monitoring unit of said mobile terminal to a proper display size of said mobile terminal again and then to distribute said re-enlarged image to said mobile terminal; and

causing said mobile terminal to display said re-enlarged image distributed by said image conversion apparatus on the screen of said monitoring unit.

8. An image display method as claimed in claim 6, wherein said image conversion apparatus obtains said enlarged image and said re-enlarged image based on the same image before enlargement or said re-enlarged image based on said enlarged image.

9. An image display method as claimed in claim 6, wherein said mobile terminal displays an optional location and range of said image displayed on the screen of said monitoring unit with a frame and

specifies the optional location and range of said image based on the handling of said frame on the screen of said monitoring unit by a user.

10. An image display method as claimed in claim 6, wherein said mobile terminal changes the optional location and range of said image displayed on the screen of said monitoring unit for the purpose of adjusting the enlarging location and range.

11. A mobile terminal comprising:

a monitoring unit for displaying an image distributed and received from the outside through a transmission path;

a storage unit for storing the process comprising the steps of:

specifying an optional location and range of said displayed image and transmitting information on said specified location and range to the outside;

receiving an image of said specified location and range enlarged to a proper display size to said monitoring unit of said mobile terminal; and

displaying said enlarged image displayed from said image conversion apparatus on the screen of said monitoring unit.

12. A mobile terminal as claimed in claim 11, wherein

said storage unit further stores the process comprising the steps of:

specifying an optional location and range of

said enlarged image displayed on the screen of said monitoring unit again and transmitting information on said re-specified location and range to the outside;

receiving the image of said location and range re-specified by said mobile terminal from said enlarged image displayed on the screen of said monitoring unit, said received image being enlarged to a proper display size to said mobile terminal again; and

displaying said received and re-enlarged image on the screen of said monitoring unit.

13. A mobile terminal as claimed in claim 12, wherein said enlarged image or said re-enlarged image is obtained on the same image before enlargement, or said re-enlarged image is obtained on said enlarged image.

14. A mobile terminal as claimed in claim 11, wherein said storage unit further stores the process comprising the step of:

displaying an optional location and range of said image displayed on the screen of said monitoring unit with a frame and specifying the optional location and range of said image based on the handling of said frame on the screen of said monitoring unit by a user.

15. A mobile terminal as claimed in claim 11, wherein said storage unit further stores the process comprising the step of:

changing an optional location and range of

said image displayed on the screen of said monitoring unit, for the purpose of adjusting the enlarging location and range.

16. An image conversion apparatus comprising:  
an interface for receiving information distributed from the outside through a transmission path and distributing the information to the outside; and

a storage unit for storing the process comprising the steps of:

if a mobile terminal requests an image specified by said mobile terminal itself to be displayed, obtaining said specified image, distributing said specified image to said mobile terminal, and displaying said specified image on a monitoring unit of said mobile terminal; and

when receiving information on the specified location and range of said displayed image from said mobile terminal, enlarging the image of a location and range specified by said mobile terminal from the image specified by said mobile terminal to a proper display size to said monitoring unit of said mobile terminal, distributing said enlarged image to said mobile terminal, and then causing said mobile terminal to display said enlarged image on said monitoring unit.

17. An image conversion apparatus as claimed in claim 16, wherein said storage unit further stores the process comprising the steps of:

causing said mobile terminal to receive information on said re-specified optional location and range of said enlarged image displayed on the screen of said monitoring unit; and

enlarging an image of the location and range re-specified by said mobile again from said enlarged image displayed on the screen of said monitoring unit of said mobile terminal to a proper display size to said mobile terminal again, displaying said re-enlarged image to said mobile terminal, and displaying said re-enlarged image on the screen of said monitoring unit.

18. An image conversion apparatus as claimed in claim 17, wherein said enlarged image or said re-enlarged image is obtained on the same image before enlargement or said re-enlarged image is obtained on said enlarged image.